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From: Michael P. Straub, Esq.

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Date: August 11, 2005

Number of Pages Including Cover: 24

MESSAGE: FORMAL SUBMISSION OF:

- 1) Transmittal;
- 2) Fee Transmittal (in duplicate); and
- 2) Amendment.

Attorney Docket No.: HHEA-86 (HAL-ID 167)

Appl. No.: 10/020,703

Applicants: John G. N. HENDERSON, Carl SCARPA

Filed: November 30, 2001

Title: STEERABLE ANTENNA AND RECEIVER INTERFACE FOR TERRESTRIAL
 BROADCAST

TC/A.U.: 3662

Examiner: Dao Linda Phan

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Michael P. Straub

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August 11, 2005

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Modified PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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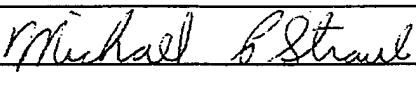
(to be used for all correspondence after initial filing)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/020,703
		Filing Date	November 30, 2001
		First Named Inventor	John G. N. Henderson
		Group Art Unit	Not yet assigned3662
		Examiner Name	Not yet assignedDao Linda Phan
Total Number of Pages in This Submission		Attorney Docket Number	HHEA-86 (HAL-ID 167)

ENCLOSURES *(check all that apply)*

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD. Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Postcard Receipt <input type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
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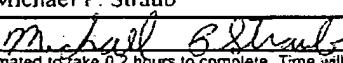
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael P. Straub (Reg. No. 36,941)		
Signature			
Date	August 11, 2005		

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Modified PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL
for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 200.00)

Complete if Known

Application Number	10/020.703
Filing Date	November 30, 2001
First Named Inventor	John G. N. HENDERSON
Examiner Name	Dao Linda Phan
Art Unit	3662
Attorney Docket No.	HHEA-86 (HAL-ID 167)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

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Deposit Account Name	Straub & Pokotylo

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FEE CALCULATION

1. BASIC FILING, SEARCH & EXAMINATION FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
1000	500	Utility fee	
430	215	Design fee	
660	330	Plant fee	
1400	700	Reissue fee	
200	100	Provisional fee	
SUBTOTAL (1)		(\$ 00.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-56** =	Extra Claims	Fee from below	Fee Paid
53	-56** =	0	X 50.00 =	00.00
13	-12* =	1	X 200.00 =	200.00

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple dependent claim, if not paid
1204 200	2204 100	**Reissue independent claims over original patent
1205 50	2205 25	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 200.00)

* or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable	
1453 1,500	2453 750	Petition to revive - unintentional	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
Petitions to the Commissioner - check fee sheet			
1807 50	1807 50	Processing fee under 37 CFR 1.17(c)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
* Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 00.00)

(Complete if applicable)

Name (Print/Type)	Michael P. Straub	Registration No. /Attomey/Agent	36,941	Telephone	(732) 542-9070
Signature	<i>Michael P. Straub</i>			Date	August 11, 2005

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231.

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Title: STEERABLE ANTENNA AND RECEIVER INTERFACE FOR
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TC/A.U.: 3662

Examiner: Dao Linda Phan

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed on July 14, 2005 (Paper No. 070105), which set a period for response to expire on October 14, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 18 of this paper.

08/12/2005 CNGUYEN2 00000076 501049 10020703

01 FC:1201 200.00 DA